## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

7145573347

Confirmation No. 8599 Application. No.: 10/666,570

Applicant : Kumar Ganapathy
Filed : 09/19/2003
For: INSTRUCTION SET ARCHITECTURE FOR SIGNAL

PROCESSORS
TC/A.U.: 2111
Examiner: Kenneth S. Kim

Docket No. : 42P14031D2D Customer No. : 8791

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

Commissioner for Patents PO Box 1450 Alexandria VA 22313-1450

Dear Sir:

In accordance with the duty of disclosure, enclosed is an Information Disclosure Statement by Applicant (form PTO-1449), including a list of cited references, which is being submitted before the mailing of a final Office Action.

A submission of copies of the cited U.S. patents and U.S. published patent application documents is no longer required.

The non-patent literature documents cited on the enclosed Form PTO-1449 were previously identified in the parent application (Application No. 09/494,608, filed January 31, 2000) and copies of the references were furnished at that time. Accordingly under 37 CFR 1.98(d)(1), additional copies of those references are not submitted herewith. However, Applicant will gladly provide a copy of these non-patent literature documents to the Examiner upon a request for same.

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It is respectfully requested that the cited references be considered and that the enclosed copy of the Form PTO-1449 be initialed by the Examiner to indicate such consideration and a copy thereof returned to the Applicant.

The submission of this Information Disclosure Statement is not to be considered as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

A fee in the amount of \$180.00 for submission of the Information Disclosure Statement is enclosed herewith. Please charge any additional fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal sheet is enclosed for this purpose.

Respectfully submitted,

Dated: April 5, 2005

12400 Wilshire Boulevard, Seventh Floor Los Angeles, California 90025 (714) 557-3800 WILLIAM E. ALFORD Reg. No. 37,784

CERTIFICATE OF FACSIMILE

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

I hereby certify that this correspondence is being transmitted via facsimile to the Patent and Trademark Office under 37 CFR §1.8 on: 4/5/2005 to Examiner

Kenneth Kim at (703) 872-9306.

4/5/2005

Date

Date

Substitute for form 1449A/PTO					Complete if Known		
			OUDE	Application Number	10/666,570		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE as many shoots 82 necessary)				Filing Date	September 19, 2003		
				First Named Inventor	Kumar Ganapathy		
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			U.S. PATE	NT DOCUMENTS	
Examiner Inilialar	Cite No.'	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Potenties or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Pascages or Relevant Figures Appear
		US-4,969,118	11-06-1990	Montoye et al.	
		US-5,241,492	08-31-1993	Girardeau, Jr.	
		US-5,530,663	06-25-1996	Garcia et al.	
		US-5,761,470	06-02-1998	Yoshida	
		US-5,825,658	10-20-1998	Ginetti et al.	
		US-5,880,984	03-09-1999	Burchfiel et al.	·
		US-5,901,301	05-04-1999	Matsuo et al.	
		US-5,923,871	07-13-1999	Gorshtein et al.	
		US-5,940,785	08-17-1999	Georgiou et al.	
		US-6,029,267	02-22-2000	Simanapalli et al.	
	·· ·· —	US-6,138,136	10-24-2000	Bauer et al.	
		US-6,154,828	11-28-2000	Macri et al.	
		US-6,360,312	03-19-2002	Kawaguchi	
		US-6,163,139	11-10-1992	Haigh et al.	
		US-5,204,828	04-20-1993	Kohn	
<del></del>		US-5,522,085	05-28-1996	Harrison et al.	
		US-5,680,578	10-21-1997	Dutton et al.	
		US-5,768,553	06-16-1998	Tran	
·	} .	US-5,909,698	06-01-1999	Arimilli et al.	
		US-6,058,410	05-02-2000	Sharangpani	<del>-</del>

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No 1	Foreign Palent Document  Country Code* - Number* - Kind Gode* (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Otod Document	Pages, Culumns, Lines, Where Relevant Passages or Relevant Figures Appear	1°			
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Examiner	Date
Signature	Considered

\*Examinec. Initial II reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

'Applicant's unique distilion designation number (optional). \*See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.2). \*For Japanese potent documents, the Indication of the year of reign of the Emperor must precede the serial number of the patent document. \*Yand of document by the applicant as to place a check mark here if Employ Standard ST. 16 if possible. \*Applicant is to place a check mark here if Employ is suggested.

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				Examiner Name	Kenneth S. Kim
Sheet	2	of	3	Attorney Docket Number	42P14031D2D

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NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No.'	Include name of the author (in CAPITAL LETTERS), use of the price (when appropriate), late of the item (book, magazine, journal, settal, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.	L,				
		William Stallings, Computer Organization and Architecture 4th Edition, 1993, pp. 313-386, Prentice-Hall, Inc. Upper Saddle River, NJ.					
. —		Richard Fromm and David Martin, Instruction Set Architecture Simulation Intrustructure and Application Development for Vector IRAM, web site-ilpsoft eecs-berkeley.edu:9636/.about ilpsoft/99ahstructs/fromm 1 html.	 !				
	•	Tep Dobry, Instruction Set Architecture, Web Based Course by UC Berkeley Undergradute Advisor, Date posted Aug. 20, 1999, web site-ee.eng.hawaii.edu/.about.tep/EE461/Notes/ISA/isa.html.	İ				
	••	Jim McConnick, Supporting Predicated Execution: Techniques and Tradeoffs, MS thesis, Department of Electrical and Computer Engineering, University of Illinois, Urbana, II. 5/96.					
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'Applicants unique citation designation number. 'Applicant is to place a check mark here if English language Translation is attaiched.

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			IIDE	Application Number	10/666,570	
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		1 1		Examiner Name	Kenneth S. Kim	
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		US-6,115,806	09-05-2000	Yoshida	
		US-6,154,831		Thayer et al.	
	-	US-6,247,036	06-12-2001	Landers et al.	
	-	US-6,425,070	07-23-2002	Zou ct al.	
		US-6,282,633	08-28-2001	Killian et al.	
		US-6,121,998	09-19-2000	Voois et al.	
		US-6,675,376	01-06-2004	Ronen et al.	
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FOREIGN PATENT DOCUMENTS							
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		Cite Foreign Palant Document	Cite Foreign Patent Document Publication Date	Country Code' - Number' - Kind Code' (if known)  Publication Date MMI-DD-YYYY Applicant of Cried Decument	Citie No 1 Country Code' - Number' - Kind Code' (if known) Publication Date MM-DD-YYYY Name of Patentee or Applicant of Cited Document Pages, Columns, Lines, Where Relevant Passagra or Relevant Figures Appear		

Examiner	Date
Signature	Considered

'Applicant's unique citation designation number (optional). "See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. "Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). "For Japanese patent documents, the indication of the year of reign of line Emperor must precede the serial number of the patent document." "Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. "Applicant is to place a check mark here it English Engange Translation is attached.

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